

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,208

DATE: 02/15/2000
TIME: 15:06:25

Input Set: I490208.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> C. Frank Bennett
2 Nicholas M. Dean
3 Lex M. Cowser
4 <120> ANTISENSE MODULATION OF INDUCIBLE NITRIC OXIDE SYNTHASE EXPRESSION
5 <130> RTS-0066
6 <140> US/09/490,208
7 <141> 2000-01-24
8 <160> 182

ERRORED SEQUENCES FOLLOW

E--> 9 <210> 10
10 <211> 4110 4/45 nt (p6)
11 <212> DNA
12 <213> Mus musculus
13 <220>
14 <221> mRNA
15 <222> (1)...(4110)
16 <400> 10
17 ctgcttttaa atctctcggc cacctttgat gaggggactg ggcagttcta gacagtcccg 60
18 aagttctcaa ggcacaggte tcttctcggt ttgactgtcc ttaccccgagg gaggcagtg 120
19 agccagctgc aagccccaca gtgaagaaca tctgagctca aatccagata agtgacataa 180
20 gtgacctgct ttgtaaagcc atagag atg gcc tgt cct tgg aaa ttt ctg ttc 233
21 Met Ala Cys Pro Trp Lys Phe Leu Phe
22 1 5
23 aag acc aaa ttc cac cag tat gca atg aat ggg gaa aaa gac atc aac 281
24 Lys Thr Lys Phe His Gln Tyr Ala Met Asn Gly Glu Lys Asp Ile Asn
25 10 15 20 25
26 aac aat gtg gag aaa gcc ccc tgt gcc acc tcc agt cca gtg aca cag 329
27 Asn Asn Val Glu Lys Ala Pro Cys Ala Thr Ser Ser Pro Val Thr Gln
28 30 35 40
29 gat gac ctt cag tat cac aac ctc agc aag cag cag aat gag tcc ccg 377
30 Asp Asp Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn Glu Ser Pro
31 45 50 55
32 cag ccc ctc gtg gag acg gga aag aag tct cca gaa tct ctg gtc aag 425
33 Gln Pro Leu Val Glu Thr Gly Lys Lys Ser Pro Glu Ser Leu Val Lys
34 60 65 70
35 ctg gat gca acc cca ttg tcc tcc cca cgg cat gtg agg atc aaa aac 473
36 Leu Asp Ala Thr Pro Leu Ser Ser Pro Arg His Val Arg Ile Lys Asn

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,208

DATE: 02/15/2000
TIME: 15:06:25

Input Set: I490208.RAW

| | | | | | |
|----|---|-----|-----|-----|------|
| 40 | 90 | 95 | 100 | 105 | |
| 41 | ggg att tta act tgc agg tcc aaa tct tgc ctg ggg tcc att atg act | | | | 569 |
| 42 | Gly Ile Leu Thr Cys Arg Ser Lys Ser Cys Leu Gly Ser Ile Met Thr | | | | |
| 43 | | 110 | 115 | 120 | |
| 44 | ccc aaa agt ttg acc aga gga ccc agg gac aag cct acc cct cca gat | | | | 617 |
| 45 | Pro Lys Ser Leu Thr Arg Gly Pro Arg Asp Lys Pro Thr Pro Pro Asp | | | | |
| 46 | | 125 | 130 | 135 | |
| 47 | gag ctt cta cct caa gct atc gaa ttt gtc aac caa tat tac ggc tcc | | | | 665 |
| 48 | Glu Leu Leu Pro Gln Ala Ile Glu Phe Val Asn Gln Tyr Tyr Gly Ser | | | | |
| 49 | | 140 | 145 | 150 | |
| 50 | ttc aaa gag gca aaa ata gag gaa cat ctg gcc agg gtg gaa gcg gta | | | | 713 |
| 51 | Phe Lys Glu Ala Lys Ile Glu Glu His Leu Ala Arg Val Glu Ala Val | | | | |
| 52 | | 155 | 160 | 165 | |
| 53 | aca aag gag ata gaa aca aca gga acc tac caa ctg acg gga gat gag | | | | 761 |
| 54 | Thr Lys Glu Ile Glu Thr Thr Gly Thr Tyr Gln Leu Thr Gly Asp Glu | | | | |
| 55 | | 170 | 175 | 180 | 185 |
| 56 | ctc atc ttc gcc acc aag cag gcc tgg cgc aat gcc cca cgc tgc att | | | | 809 |
| 57 | Leu Ile Phe Ala Thr Lys Gln Ala Trp Arg Asn Ala Pro Arg Cys Ile | | | | |
| 58 | | 190 | 195 | 200 | |
| 59 | ggg agg atc cag tgg tcc aac ctg cag gtc ttc gat gcc cgc agc tgt | | | | 857 |
| 60 | Gly Arg Ile Gln Trp Ser Asn Leu Gln Val Phe Asp Ala Arg Ser Cys | | | | |
| 61 | | 205 | 210 | 215 | |
| 62 | tcc act gcc cgg gaa atg ttt gaa cac atc tgc aga cac gtg cgt tac | | | | 905 |
| 63 | Ser Thr Ala Arg Glu Met Phe Glu His Ile Cys Arg His Val Arg Tyr | | | | |
| 64 | | 220 | 225 | 230 | |
| 65 | tcc acc aac aat ggc aac atc agg tgc gcc atc acc gtg ttc ccc cag | | | | 953 |
| 66 | Ser Thr Asn Asn Gly Asn Ile Arg Ser Ala Ile Thr Val Phe Pro Gln | | | | |
| 67 | | 235 | 240 | 245 | |
| 68 | cgg agt gat ggc aag cac gac ttc cgg gtg tgg aat gct cag ctc atc | | | | 1001 |
| 69 | Arg Ser Asp Gly Lys His Asp Phe Arg Val Trp Asn Ala Gln Leu Ile | | | | |
| 70 | | 250 | 255 | 260 | 265 |
| 71 | cgc tat gct ggc tac cag atg cca gat ggc agc atc aga ggg gac cct | | | | 1049 |
| 72 | Arg Tyr Ala Gly Tyr Gln Met Pro Asp Gly Ser Ile Arg Gly Asp Pro | | | | |
| 73 | | 270 | 275 | 280 | |
| 74 | gcc aac gtg gaa ttc act cag ctg tgc atc gac ctg ggc tgg aag ccc | | | | 1097 |
| 75 | Ala Asn Val Glu Phe Thr Gln Leu Cys Ile Asp Leu Gly Trp Lys Pro | | | | |
| 76 | | 285 | 290 | 295 | |
| 77 | aag tac ggc cgc ttc gat gtg gtc ccc ctg gtc ctg cag gcc aat ggc | | | | 1145 |
| 78 | Lys Tyr Gly Arg Phe Asp Val Val Pro Leu Val Leu Gln Ala Asn Gly | | | | |
| 79 | | 300 | 305 | 310 | |
| 80 | cgt gac cct gag ctc ttc gaa atc cca cct gac ctt gtg ctt gag gtg | | | | 1193 |
| 81 | Arg Asp Pro Glu Leu Phe Glu Ile Pro Pro Asp Leu Val Leu Glu Val | | | | |
| 82 | | 315 | 320 | 325 | |
| 83 | gcc atg gaa cat ccc aaa tac gag tgg ttt cgg gaa ctg gag cta aag | | | | 1241 |
| 84 | Ala Met Glu His Pro Lys Tyr Glu Trp Phe Arg Glu Leu Glu Leu Lys | | | | |
| 85 | | 330 | 335 | 340 | 345 |
| 86 | tgg tac gcc ctg cct gca gtg gcc aac atg ctg ctt gag gtg ggc ggc | | | | 1289 |
| 87 | Trp Thr Ala Thr Pro Ala Met Thr Thr Thr Thr Thr Thr Thr Thr Thr | | | | |

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,208

 DATE: 02/15/2000
 TIME: 15:06:25

Input Set: I490208.RAW

| | | |
|-----|---|------|
| 90 | Leu Glu Phe Pro Gly Cys Pro Phe Asn Gly Trp Tyr Met Gly Thr Glu | |
| 91 | 365 370 375 | |
| 92 | atc gga gtc cgg gac ttc tgt gac gtc cag cgc tac aac atc ctg gag | 1385 |
| 93 | Ile Gly Val Arg Asp Phe Cys Asp Val Gln Arg Tyr Asn Ile Leu Glu | |
| 94 | 380 385 390 | |
| 95 | gaa gtg ggc agg aga atg ggc ctg gaa acg cac aag ctg gcc tcg ctc | 1433 |
| 96 | Glu Val Gly Arg Arg Met Gly Leu Glu Thr His Lys Leu Ala Ser Leu | |
| 97 | 395 400 405 | |
| 98 | tgg aaa gac cag gct gtc gtt gag atc aac att gct gtg atc cat agt | 1481 |
| 99 | Trp Lys Asp Gln Ala Val Val Glu Ile Asn Ile Ala Val Ile His Ser | |
| 100 | 410 415 420 425 | |
| 101 | ttt cag aag cag aat gtg acc atc atg gac cac cac tcg gct gca gaa | 1529 |
| 102 | Phe Gln Lys Gln Asn Val Thr Ile Met Asp His His Ser Ala Ala Glu | |
| 103 | 430 435 440 | |
| 104 | tcc ttc atg aag tac atg cag aat gaa tac cgg tcc cgt ggg ggc tgc | 1577 |
| 105 | Ser Phe Met Lys Tyr Met Gln Asn Glu Tyr Arg Ser Arg Gly Gly Cys | |
| 106 | 445 450 455 | |
| 107 | ccg gca gac tgg att tgg ctg gtc cct ccc atg tct ggg agc atc acc | 1625 |
| 108 | Pro Ala Asp Trp Ile Trp Leu Val Pro Pro Met Ser Gly Ser Ile Thr | |
| 109 | 460 465 470 | |
| 110 | ccc gtg ttt cac cag gag atg ctg aac tac gtc ctg tcc cct ttc tac | 1673 |
| 111 | Pro Val Phe His Gln Glu Met Leu Asn Tyr Val Leu Ser Pro Phe Tyr | |
| 112 | 475 480 485 | |
| 113 | tac tat cag gta gag gcc tgg aaa acc cat gtc tgg cag gac gag aag | 1721 |
| 114 | Tyr Tyr Gln Val Glu Ala Trp Lys Thr His Val Trp Gln Asp Glu Lys | |
| 115 | 490 495 500 505 | |
| 116 | cgg aga ccc aag aga aga gag att cca ttg aaa gtc ttg gtc aaa gct | 1769 |
| 117 | Arg Arg Pro Lys Arg Arg Glu Ile Pro Leu Lys Val Leu Val Lys Ala | |
| 118 | 510 515 520 | |
| 119 | gtg ctc ttt gcc tgt atg ctg atg cgc aag aca atg gcg tcc cga gtc | 1817 |
| 120 | Val Leu Phe Ala Cys Met Leu Met Arg Lys Thr Met Ala Ser Arg Val | |
| 121 | 525 530 535 | |
| 122 | aga gtc acc atc ctc ttt gcg aca gag aca gga aaa tca gag gcg ctg | 1865 |
| 123 | Arg Val Thr Ile Leu Phe Ala Thr Glu Thr Gly Lys Ser Glu Ala Leu | |
| 124 | 540 545 550 | |
| 125 | gcc tgg gac ctg ggg gcc tta ttc agc tgt gcc ttc aac ccc aag gtt | 1913 |
| 126 | Ala Trp Asp Leu Gly Ala Leu Phe Ser Cys Ala Phe Asn Pro Lys Val | |
| 127 | 555 560 565 | |
| 128 | gtc tgc atg gat aag tac agg ctg agc tgc ctg gag gag gaa cgg ctg | 1961 |
| 129 | Val Cys Met Asp Lys Tyr Arg Leu Ser Cys Leu Glu Glu Glu Arg Leu | |
| 130 | 570 575 580 585 | |
| 131 | ctg ttg gtg gtg acc agt acg ttt ggc aat gga gac tgc cct ggc aat | 2009 |
| 132 | Leu Leu Val Val Thr Ser Thr Phe Gly Asn Gly Asp Cys Pro Gly Asn | |
| 133 | 590 595 600 | |
| 134 | gga gag aaa ctg aag aaa tcg ctc ttc atg ctg aaa gag ctc aac aac | 2057 |
| 135 | Gly Glu Lys Leu Lys Lys Ser Leu Phe Met Leu Lys Glu Leu Asn Asn | |
| 136 | 605 610 615 | |

PAGE: 4

RAW SEQUENCE LISTING PATENT APPLICATION US/09/490,208

DATE: 02/15/2000
TIME: 15:06:25

Input Set: I490208.RAW

| | | |
|-----|---|------|
| 140 | ttc tgc gcc ttt gct cat gac att gat cag aag ctg tcc cac ctg ggg | 2153 |
| 141 | Phe Cys Ala Phe Ala His Asp Ile Asp Gln Lys Leu Ser His Leu Gly | |
| 142 | 635 640 645 | |
| 143 | gcc tct cag ctc acc ccg atg gga gaa ggg gat gag ctc agt ggg cag | 2201 |
| 144 | Ala Ser Gln Leu Thr Pro Met Gly Glu Gly Asp Glu Leu Ser Gly Gln | |
| 145 | 650 655 660 665 | |
| 146 | gag gac gcc ttc cgc agc tgg gcc gtg caa acc ttc aag gca gcc tgt | 2249 |
| 147 | Glu Asp Ala Phe Arg Ser Trp Ala Val Gln Thr Phe Lys Ala Ala Cys | |
| 148 | 670 675 680 | |
| 149 | gag acg ttt gat gtc cga ggc aaa cag cac att cag atc ccc aag ctc | 2297 |
| 150 | Glu Thr Phe Asp Val Arg Gly Lys Gln His Ile Gln Ile Pro Lys Leu | |
| 151 | 685 690 695 | |
| 152 | tac acc tcc aat gtg acc tgg gac ccg cac cac tac agg ctc gtg cag | 2345 |
| 153 | Tyr Thr Ser Asn Val Thr Trp Asp Pro His His Tyr Arg Leu Val Gln | |
| 154 | 700 705 710 | |
| 155 | gac tca cag cct ttg gac ctc agc aaa gcc ctc agc agc atg cat gcc | 2393 |
| 156 | Asp Ser Gln Pro Leu Asp Leu Ser Lys Ala Leu Ser Ser Met His Ala | |
| 157 | 715 720 725 | |
| 158 | aag aac gtg ttc acc atg agg ctc aaa tct cgg cag aat cta caa agt | 2441 |
| 159 | Lys Asn Val Phe Thr Met Arg Leu Lys Ser Arg Gln Asn Leu Gln Ser | |
| 160 | 730 735 740 745 | |
| 161 | ccg aca tcc agc cgt gcc acc atc ctg gtg gaa ctc tcc tgt gag gat | 2489 |
| 162 | Pro Thr Ser Ser Arg Ala Thr Ile Leu Val Glu Leu Ser Cys Glu Asp | |
| 163 | 750 755 760 | |
| 164 | ggc caa ggc ctg aac tac ctg ccg ggg gag cac ctt ggg gtt tgc cca | 2537 |
| 165 | Gly Gln Gly Leu Asn Tyr Leu Pro Gly Glu His Leu Gly Val Cys Pro | |
| 166 | 765 770 775 | |
| 167 | ggc aac cag ccg gcc ctg gtc caa ggc atc ctg gag cga gtg gtg gat | 2585 |
| 168 | Gly Asn Gln Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp | |
| 169 | 780 785 790 | |
| 170 | ggc ccc aca ccc cac cag aca gtg cgc ctg gag gac ctg gat gag agt | 2633 |
| 171 | Gly Pro Thr Pro His Gln Thr Val Arg Leu Glu Asp Leu Asp Glu Ser | |
| 172 | 795 800 805 | |
| 173 | ggc agc tac tgg gtc agt gac aag agg ctg ccc ccc tgc tca ctc agc | 2681 |
| 174 | Gly Ser Tyr Trp Val Ser Asp Lys Arg Leu Pro Pro Cys Ser Leu Ser | |
| 175 | 810 815 820 825 | |
| 176 | cag gcc ctc acc tac tcc ccg gac atc acc aca ccc cca acc cag ctg | 2729 |
| 177 | Gln Ala Leu Thr Tyr Ser Pro Asp Ile Thr Thr Pro Pro Thr Gln Leu | |
| 178 | 830 835 840 | |
| 179 | ctg ctc caa aag ctg gcc cag gtg gcc aca gaa gag cct gag aga cag | 2777 |
| 180 | Leu Leu Gln Lys Leu Ala Gln Val Ala Thr Glu Glu Pro Glu Arg Gln | |
| 181 | 845 850 855 | |
| 182 | agg ctg gag gcc ctg tgc cag ccc tca gag tac agc aag tgg aag ttc | 2825 |
| 183 | Arg Leu Glu Ala Leu Cys Gln Pro Ser Glu Tyr Ser Lys Trp Lys Phe | |
| 184 | 860 865 870 | |
| 185 | acc aac agc ccc aca ttc ctg gag gtg cta gag gag ttc ccg tcc ctg | 2873 |
| 186 | Thr Asn Ser Pro Thr Phe Leu Glu Val Leu Glu Glu Phe Pro Ser Leu | |
| 187 | 875 880 885 | |

PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,208

 DATE: 02/15/2000
 TIME: 15:06:25

Input Set: I490208.RAW

| | | | | | |
|-----|---|------|------|------|------|
| 190 | 890 | 895 | 900 | 905 | |
| 191 | agg ttc tac tcc atc agc tcc tcc cgg gat cac acg ccc acg gag atc | | | | 2969 |
| 192 | Arg Phe Tyr Ser Ile Ser Ser Ser Arg Asp His Thr Pro Thr Glu Ile | | | | |
| 193 | | 910 | 915 | 920 | |
| 194 | cac ctg act gtg gcc gtg gtc acc tac cac acc gga gat ggc cag ggt | | | | 3017 |
| 195 | His Leu Thr Val Ala Val Val Thr Tyr His Thr Gly Asp Gly Gln Gly | | | | |
| 196 | | 925 | 930 | 935 | |
| 197 | ccc ctg cac cac ggt gtc tgc agc aca tgg ctc aac agc ctg aag ccc | | | | 3065 |
| 198 | Pro Leu His His Gly Val Cys Ser Thr Trp Leu Asn Ser Leu Lys Pro | | | | |
| 199 | | 940 | 945 | 950 | |
| 200 | caa gac cca gtg ccc tgc ttt gtg cgg aat gcc agc gcc ttc cac ctc | | | | 3113 |
| 201 | Gln Asp Pro Val Pro Cys Phe Val Arg Asn Ala Ser Ala Phe His Leu | | | | |
| 202 | | 955 | 960 | 965 | |
| 203 | ccc gag gat ccc tcc cat cct tgc atc ctc atc ggg cct ggc aca ggc | | | | 3161 |
| 204 | Pro Glu Asp Pro Ser His Pro Cys Ile Leu Ile Gly Pro Gly Thr Gly | | | | |
| 205 | | 970 | 975 | 980 | 985 |
| 206 | atc gtg ccc ttc cgc agt ttc tgg cag caa cgg ctc cat gac tcc cag | | | | 3209 |
| 207 | Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu His Asp Ser Gln | | | | |
| 208 | | 990 | 995 | 1000 | |
| 209 | cac aag gga gtg cgg gga ggc cgc atg acc ttg gtg ttt ggg tgc cgc | | | | 3257 |
| 210 | His Lys Gly Val Arg Gly Gly Arg Met Thr Leu Val Phe Gly Cys Arg | | | | |
| 211 | | 1005 | 1010 | 1015 | |
| 212 | cgc cca gat gag gac cac atc tac cag gag gag atg ctg gag atg gcc | | | | 3305 |
| 213 | Arg Pro Asp Glu Asp His Ile Tyr Gln Glu Glu Met Leu Glu Met Ala | | | | |
| 214 | | 1020 | 1025 | 1030 | |
| 215 | cag aag ggg gtg ctg cat gcg gtg cac aca gcc tat tcc cgc ctg cct | | | | 3353 |
| 216 | Gln Lys Gly Val Leu His Ala Val His Thr Ala Tyr Ser Arg Leu Pro | | | | |
| 217 | | 1035 | 1040 | 1045 | |
| 218 | ggc aag ccc aag gtc tat gtt cag gac atc ctg cgg cag cag ctg gcc | | | | 3401 |
| 219 | Gly Lys Pro Lys Val Tyr Val Gln Asp Ile Leu Arg Gln Gln Leu Ala | | | | |
| 220 | | 1050 | 1055 | 1060 | 1065 |
| 221 | agc gag gtg ctc cgt gtg ctc cac aag gag cca ggc cac ctc tat gtt | | | | 3449 |
| 222 | Ser Glu Val Leu Arg Val Leu His Lys Glu Pro Gly His Leu Tyr Val | | | | |
| 223 | | 1070 | 1075 | 1080 | |
| 224 | tgc ggg gat gtg cgc atg gcc cgg gac gtg gcc cac acc ctg aag cag | | | | 3497 |
| 225 | Cys Gly Asp Val Arg Met Ala Arg Asp Val Ala His Thr Leu Lys Gln | | | | |
| 226 | | 1085 | 1090 | 1095 | |
| 227 | ctg gtg gct gcc aag ctg aaa ttg aat gag gag cag gtc gag gac tat | | | | 3545 |
| 228 | Leu Val Ala Ala Lys Leu Lys Leu Asn Glu Glu Gln Val Glu Asp Tyr | | | | |
| 229 | | 1100 | 1105 | 1110 | |
| 230 | ttc ttt cag ctc aag agc cag aag cgc tat cac gaa gat atc ttc ggt | | | | 3593 |
| 231 | Phe Phe Gln Leu Lys Ser Gln Lys Arg Tyr His Glu Asp Ile Phe Gly | | | | |
| 232 | | 1115 | 1120 | 1125 | |
| 233 | gct gta ttt cct tac gag gcg aag aag gac agg gtg gcg gtg cag ccc | | | | 3641 |
| 234 | Ala Val Phe Pro Tyr Glu Ala Lys Lys Asp Arg Val Ala Val Gln Pro | | | | |
| 235 | | 1130 | 1135 | 1140 | 1145 |
| 236 | agc agc ctg gag atg tca gcg ctc tga gggcctacag gaggggttaa | | | | 3688 |

PAGE: 6

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/490,208DATE: 02/15/2000
TIME: 15:06:25

Input Set: I490208.RAW

| | | | | | | | |
|-----|------------|------------|------------|------------|------------|------------|------|
| 240 | tggggagatg | gaggaaagtg | atatcccca | gcctcaagtc | ttatttcctc | aacgttgetc | 3808 |
| 241 | cccatcaagc | cctttacttg | acctcctaac | aagtagcacc | ctggattgat | cggagcctcc | 3868 |
| 242 | tctctcaaac | tggggcctcc | ctggtcctt | ggagacaaaa | tcttaaatgc | caggcctggc | 3928 |
| 243 | gagtgggtga | aagatggaac | ttgctgctga | gtgcaccact | tcaagtgacc | accaggaggt | 3988 |
| 244 | gctatcgac | cactgtgtat | ttaactgcct | tgtgtacagt | tatttatgcc | tctgtattta | 4048 |
| 245 | aaaaactaac | accagtcctg | ttcccatg | ccacttgggt | cttccctgta | tgattccttg | 4108 |
| 246 | atggagatat | ttacatgaat | tgcattttac | tttaac | | | 4145 |

↓

Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

PAGE: 7

VERIFICATION SUMMARY
PATENT APPLICATION US/09/490,208

DATE: 02/15/2000
TIME: 15:06:25

Input Set: I490208.RAW

Line ? Error/Warning

Original Text

10 E Input 4110, Calc# Bases 4145 differ

<211> 4110